<b>Work Order I</b> <i>July-30-12 2:30:07 I</i>			*886	86*				Page 1
Revision ID:	2-705-019 ox Oil Cooler Line Access	,	Accept	*N9000	40100	<b>n</b> * s	Setup Start Stop	ויטוו
Item Name: C-Be Start Date: 7/30 Required Date: 7/30 Reference:	0/12 Start Qty: 1.00	*1* *1*		Cust Item ID: Customer:			•	*NS2*
	ocess Plan:	Date:	Tooling: SPC (Y/N):	Date:		I	Run - Start Stop	*NR1* *NR2*
Sequence ID/ Work Center ID	Operation Description		Set Up/ Run Hours	Tool ID T	Cool # Plan Code	Accept Qty		Reject Insp. Number Stamp
Draw Nbr	Revision Nbr		1.1					
IIN D412-705	Rev C				4			
*100 *100* Document Control	DOCUMENT CONTRO Memo Photocopy	DL bluefile & type labels per F	0.00	(5) (7) (7) (2) (2) (3) (3) (4) (7) (4) (7)			MLS	12/07/30
110	Pick Kit		0.00					12/-1-0
*110* Packaging Packaging	Мето		0.00			; <u> </u>		121613034
120 *120*	QC4- 100% Inspect kits	for completeness	0.00	i t		(F)	)	
QC Quality Control	Memo		0.00 <b>16</b> )	12/4/30			,	

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NCR: \	res / No				WORK ORDER NON-C	CON	NFORM	MANCE / UP	PDATE	QA Closed:	Date	::
Work Orde	er:				DISPOSITION				AGAINST DE			
Part N	No				Rework Scrap Use-as-is Work Order Update	Scrap Machining Small Fab Prod. Eng. Coor. Use-as-is Thermoforming Finishing Rec/Store/Packaging						Engineering Quality Other
Root				Descri	ption of work order update		nitial	Ad	ction	Sign &		
Cause	Date	Step	Qty	(	or Non-conformance	Ch	ief Eng	Desc	cription	Date	Verification	QC Inspector
Doc/Data												
Equip/Tooling												
Operator												
Material												
Setup												:
Other												
Process						4	_					
Supplier			1			34						1
Training					•							
Unapproved	L.L	1	<u> </u>			<u> </u>				<u> </u>		4
						AUL	T CATE	GORY				
Landi	ng Gear				General		1			7	Г	7-
	Bending			,	Bend	<u> </u>	Grain		_	Ovalized	<u> </u>	Pressure/Forced
र	<b>⊢</b> ⊢ .	ot Conce	ntric to O	/s	BOM/Route		Hardwa		_	Over/Under		Temperature/Cure
	Cracks	<i>10 :</i> 1		<u> </u>	Broken/Damaged	-	4	on Incomplete		Part Incorre	<u> </u>	Weld
	······································	/Crimped	-		Burrs	-	4	ions Incomplete	/Unclear	Part Lost/M	issing	Wrong Stock Pulled
	Cuffs				Contamination	-	Mainte		<u> </u>	Part Moved		×
	Heat Tre		<b>-</b> 1	<u> </u>	Countersink	-	Mislabe			Positioned \		
	<b>—</b>	on Strip in	Tube	<u> </u>	Cut Too Short	$\vdash$	Misread	1		Power Loss/	Surge _	Other
	Ripples i				Drill Holes	_	Offset					
	i Torque V	Vaves in E	extrusion		Drawing	1	1Out of (	Calibration				

Out of Sequence

Outside Dimensions

DQA:

Date:

Turning Sequence

Wave/Twist in Tube

Finish

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Work Orde July-30-12 2:30		686		*886	886*				Page 2
Item ID: Revision ID:	D412-705-0	19		Accept	*N9000	<b>1401</b> 0	) <b>()</b> *	Setup Start	ו ביעו
Item Name:	C-Box Oil Co	ooler Line Access						Stop	*NS2*
Start Date: Required Date: Reference:	7/30/12 : 7/30/12	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*		Cust Item ID Customer:	<b>)</b> :			
Approvals:	Process Plan:QC:		Date:	Tooling: SPC (Y/N):	Date:			Run Start	*NR1*
			Date:		Dat		<del>-</del>	Stop	*NR2*
Sequence ID/ Work Center I	D	Operation Description		Set Up/ Run Hours	Tool ID	Tool # Plan	-	t Reject Qty	Reject Insp. Number Stamp
130 *130* Packaging		Packaging <b>Memo</b>		0.00		(	D	<del></del>	12/202P
Packaging			pack for shipping as per						· .
140		QC21- Final Inspection	- Work Order Release	0.00					
*140*		Memo		0.00			-	MUS	12/07/30

Quality Control

N 12.07.30

									DQA:	Date:			
NCR: Y	es / No				WORK ORDER NON-CONFORMANCE / UPDATE								
									QA Closed:	Date:			
Work Orde	ar.				DISPOSITION			AGAINST DE	PARTMENT,	/PROCESS			
WOIK OIGE				<del></del>	Rework	1 <b>l</b>	Skid-tube	Crosstube		Water Jet	Engineering		
Part N	lo.				Scrap	1 1	Machining	Small Fab	Pro	d. Eng. Coor.	Quality		
, 2.2.					Use-as-is	The	ermoforming	Finishing		re/Packaging	Other		
NCR N	lo.				Work Order Update	]	Large Fab	Composite		Supplier			
									I**				
Root					iption of work order update	Initia		Action	Sign &				
Cause	Date	Step	Qty		or Non-conformance	Chief E	ng Des	scription	Date	Verification	QC Inspector		
Doc/Data													
Equip/Tooling									ĺ				
Operator													
Material			ļ	i									
Setup	→ .												
Other													
Process													
Supplier			1										
Training													
Unapproved						<u> </u>			l				
				-		AULT CA	TEGORY						
Landi	ng Gear				General				1		7		
	Bendin				Bend	Grai		_	Ovalized		Pressure/Forced		
	$\vdash$	Not Conce	entric to	O/S	BOM/Route	<b>—</b>	lware	<u> </u>	Over/Under		Temperature/Cure		
	Cracks				Broken/Damaged		ection Incomplete		Part Incorre	<del></del>	Weld		
	<b>—</b>	d/Crimped	l <u>.</u>		Burrs	$\vdash$	uctions Incomplete	e/Unclear	Part Lost/M	_	Wrong Stock Pulled		
_	Cuffs				Contamination	$\vdash$	ntenance	_	Part Moved				
1	Heat Tr			<u> </u> _	Countersink	$\vdash$	abeled	L	Positioned		٦		
, "	Inspect	on Strip in	n Tube	f	Cut Too Short	Misr	ead		Power Loss,	/Surge	Other		

Offset

Out of Calibration

Out of Sequence

Outside Dimensions

NCRWO Rev G

ples in Bend

Waves in Extrusion

quence

Drill Holes

Drawing

Finish

Folio

July-30-12 2:30:07 PM

Work Order ID:

88686

Parent Item:

D412-705-019

Parent Item Name:

C-Box Oil Cooler Line Access

**Start Date: 7/30/12** 

Required Date: 7/30/12

Start Qty: 1.00

Required Qty: 1.00

**Comments:** 

IPP Rev:D Removed Manufacturing 06-06-28 JLM IPP Rev:E ECN 1052 07-11-06 DD verified by: EC

	Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
7.	D3259-041		Manufactured	No			120	Each	0.0000	1	1	1001	Λ .	1)
<u>ַ</u> כ	Access Panel Assembly											B80 00	<u>3 -                                   </u>	<b>Y</b>
	D3259-042		Manufactured	No			120	Each	0.0000	1	1	CAL	0	<d< td=""></d<>
5	Access Panel Assembly										P	3865	כנ	20

										DQA:	Date:			
NCR: Y	Yes / No				WORK ORDER NON-	CON	FORN	AANCE / UPD		•				
										QA Closed:	Date:			
Work Orde	ar:				DISPOSITION		AGAINST DE	DEPARTMENT/PROCESS						
Part N	No				Rework Skid-tube Machining Use-as-is Thermoforming Large Fab				Crosstube Small Fab Finishing Composite	nall Fab Prod. Eng. Coor. Quality nishing Rec/Store/Packaging Other				
Root		-		Descri	iption of work order update	In	itial	Acti	on	Sign &				
Cause	Date	Step	Qty	(	or Non-conformance	Chie	ef Eng	Descri	ption	Date	Verification	QC Inspector		
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved														
						AULT	CATE	GORY						
Landi	ng Gear			_	General				r—	1	_	7		
	Bending Centre N Cracks	lot Conce	ntric to	O/S	Bend BOM/Route Broken/Damaged		Grain Hardwa nspecti	re on Incomplete		Ovalized Over/Under Part Incorre		Pressure/Forced Temperature/Cure Weld		
7	Crushed Cuffs	/Crimped	-		Burrs Contamination			ions Incomplete/U enance	Inclear	Part Lost/M Part Moved	_	Wrong Stock Pulled		
\$	Heat Tre	at			Countersink		Mislabe	eled		Positioned Wrong				

Misread

Out of Calibration

Out of Sequence

Outside Dimensions

Offset

Other

Power Loss/Surge

ે A/NCRWO Rev G

Cut Too Short Drill Holes

Drawing

Finish

Folio

Inspection Strip in Tube

aue Waves in Extrusion

ેગ્ Tube

Sequence

Ripples in Bend